

WHAT IS CLAIMED IS:

1. A container for housing optical discs, the container comprising:  
a base;  
5 a lid coupled to the base by a pivot joint for releasably housing an optical disc between the base and the lid, the pivot joint permitting pivotal motion of the lid relative to the base about a pivot axis that is substantially orthogonal to a plane of the disc housed between the base and the lid; and  
10 a hook for coupling the container to a rod.
2. A container according to claim 1 wherein the hook is formed by a perimeter edge of at least one of the base and the lid.
- 15 3. A container according to claim 1 wherein the hook is formed on a perimeter of both the base and the lid.
4. A container according to claim 3 wherein the hook comprises a finger that extends around a portion of the pivot joint.  
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5. A container according to claim 4 wherein an edge of the finger defines at least a portion of an inwardly extending channel which leads towards the pivot joint and terminates in a bore located within the pivot joint.  
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6. A container according to claim 5 wherein the bore comprises an edge that is semi-circular in shape.
7. A container according to claim 5 wherein a width of the bore is  
30 greater than a width of the channel immediately outside of the bore.

8. A container according to claim 2 wherein the hook comprises a finger that extends around a portion of the pivot joint.
- 5 9. A container according to claim 8 wherein an edge of the finger defines at least a portion of an inwardly extending channel which leads towards the pivot joint and terminates in a bore in the center of the pivot joint.
- 10 10. A container according to claim 9 wherein the bore comprises an edge that is semi-circular in shape.
11. A container according to claim 9 wherein a width of the bore is greater than a width of the channel immediately outside of the  
15 bore.
12. A container according to claim 1 wherein the pivot joint comprises a semi-annular lid member which extends from the lid in a direction parallel to the pivot axis and a semi-annular base  
20 member that extends from the base in a direction parallel to the pivot axis, the semi-annular lid and base members slidably coupled to one another to enable pivotal movement of the lid relative to the base about the pivot axis.
- 25 13. A container according to claim 12 wherein the pivot joint comprises a bore through a center thereof, an edge of the bore formed by one of: the semi-annular base member and the semi-annular lid member.
- 30 14. A container according to claim 13 wherein the edge of the bore is semi-circular in shape.

15. A container according to claim 14 wherein the edge of the bore is formed by the semi-annular base member and wherein the base comprises a semi-annular groove which receives the semi-annular lid member.
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16. A container according to claim 15 wherein the semi-annular groove comprises a notch on a side thereof, the semi-annular lid member comprises a flange on a side thereof, and the flange is received in the slot for preventing the lid from inadvertently coming apart from the base.
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17. A container according to claim 14 wherein the edge of the bore is formed by the semi-annular lid member and wherein the lid comprises a semi-annular groove which receives the semi-annular base member.
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18. A container according to claim 17 wherein the semi-annular groove comprises a notch on a side thereof, the semi-annular base member comprises a flange on a side thereof, and the flange is received in the slot for preventing the lid from inadvertently coming apart from the base.
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19. A container according to claim 14 wherein the edge of the bore comprises an opening that leads to a curved channel, the channel extending outwardly towards a perimeter edge of the container.
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20. A container according to claim 13 wherein the hook comprises a finger that extends around a portion of the pivot joint.
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21. A container according to claim 20 wherein an edge of the finger defines at least a portion of an inwardly extending channel which leads towards the pivot joint and terminates in the bore in the center of the pivot joint.
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22. A container according to claim 21 wherein a width of the bore is greater than a width of the channel immediately outside of the bore.
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23. A container according to claim 1 comprising a latch mechanism for maintaining the lid in a closed pivotal orientation with respect to the base.
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24. A container according to claim 23 wherein the latch mechanism comprises one or more protrusions on the lid which project into one or more corresponding indentations on the base when the lid is in the closed pivotal orientation.
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25. A container according to claim 23 wherein the latch mechanism comprises one or more protrusions on the base which project into one or more corresponding indentations on the lid when the lid is in the closed pivotal orientation.
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26. A container according to claim 13 comprising a pivot joint locking mechanism for preventing pivotal movement of the lid with respect to the base.
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27. A container according to claim 26, wherein the pivot joint locking mechanism comprises a shaft, which is slideable to a locking position where a portion of the shaft projects into the pivot joint to prevent pivotal movement of the lid with respect to the base.

28. A container according to claim 1 wherein the perimeter of the base and the perimeter of the lid each comprise at least two straight edge portions and at least one arcuate edge portion.
- 5 29. A container according to claim 1 wherein the two straight edge portions are aligned substantially orthogonally to one another.
30. A container according to claim 1 wherein the base comprises a retainer for releasably holding the optical disc against a surface thereof.
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31. A container according to claim 30 wherein the retainer comprises a plurality of deformable members which project through a hole in the optical disc and which provide pressure against an edge of the hole to hold the optical disc against the surface of the base.
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32. A container according to claim 1 wherein the hook is formed by a hook member which is coupled to at least one of the base and the lid.
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33. A container according to claim 32 wherein the hook member is coupled to the pivot joint for pivotal motion with respect to at least one of the lid and the base.
- 25 34. An apparatus for storing or transporting one or more optical discs, the apparatus comprising a rod and one or more containers according to claim 1, wherein the hook of the one or more optical disc containers is mountable to the rod.

35. A container for housing substantially planar optical discs, the container comprising:
- a base having a base finger on its perimeter;
  - a lid pivotally coupled to the base by a pivot joint for housing an optical disc between the base and the lid, the lid having a lid finger on its perimeter;
  - wherein the base finger and lid finger form a hook and wherein the pivot joint permits pivotal motion of the lid relative to the base about a pivot axis that is substantially orthogonal to a plane of the disc.
36. A container according to claim 35 wherein the base finger defines a curved base channel that extends inwardly toward an interior of the base and the lid finger defines a curved lid channel that extends inwardly toward an interior of the lid.
37. A container according to claim 36 wherein the inwardmost edge of the lid channel and the inwardmost edge of the base channel form a bore located within the pivot joint.
38. An apparatus for housing optical disc containers, the apparatus comprising a rod and at least one container, each container comprising:
- a base;
  - a lid coupled to the base by a pivot joint for releasably housing an optical disc between the base and the lid, the pivot joint permitting pivotal motion of the lid relative to the base about a pivot axis that is substantially orthogonal to a plane of the disc housed between the base and the lid;
  - a hook for coupling the container to the rod.